



CSO/Wet Weather Issues Specialty Conference, Exhibit & Tour

Coping with Change: Regulations, COVID and Climate Change

October 29-30, 2021 - Portsmouth, NH

Agenda – Monday, October 29, 2021

8:00 – 9:00 AM Registration & Continental Breakfast / Exhibit Area (Ballroom)

9:00 – 9:15 AM **Welcome & Opening Session**
Virgil Lloyd, NEWEA President
Steve Perdios, CSO/Wet Weather Issues Committee Chair

9:15 – 10:15 AM **Keynote Speaker— Chris Kloss, National Green Infrastructure Coordinator, US EPA**

10:15 - Noon **Panel Discussion - CSO Programs Facing Change: From Integrated Planning to Long-Term Control Plans and Everything In-between**

A panel discussion including: John Schimmel, Springfield W&S (moderator); Nancy Gallinaro, Portland, ME; Shawn Syde, New Bedford, MA; and David Bowen, Narragansett Bay Commission, Providence, RI

12:00 - 1:30 PM Lunch (provided) Ballroom

1:30 - 4:00 PM Concurrent Sessions A & B

Session A: Review of CSO Programs and Elements (Amphitheater)		Session B: Modeling Programs (Ballroom)	
Moderator: Lin Liang, Stantec		Moderator: Larry Murphy, Jacobs	
1:30 PM	The City of Lowell’s Integrated Plan: Balancing Environmental and Community Needs with CSO Control Ben Agrawal, Hazen and Sawyer Evan Walsh, Lowell Wastewater	1:30 PM	Receiving Water Quality Model Calibration for MWRA CSO Program Dominique Brocard, AECOM
2:00 PM	The City of Manchester, New Hampshire’s Ongoing CSO Mitigation Program Frederick McNeill and Jeremy Bouvier, City of Manchester, NH	2:00 PM	Innovative Root Cause Analysis to identify Chronic Surface Flooding Countermeasures Yovanni Catano, Michael Hanley and Miles Bateman, Dewberry
10:30 AM Break/Exhibits			
3:00 PM	Lessons Learned from the First Use Attainability Analysis Approved for Combined Sewer Overflows Chris Ranck, Black & Veatch	3:00 PM	Having Attained 93% Volumetric Reduction Following Three Decades of Effort, Augusta Had to Get Creative to Further Advance its CSO Program Steven Freedman, Consulting Engineer Brian Tarbuck, Greater Augusta Utility District
3:30 PM	Assessing the Performance of the North Dorchester Bay Tunnel System Gregory Heath, AECOM Jeremy Hall, MWRA	3:30 PM	Emergency Response Under Extreme Storm Events—The Narragansett Bay Commission’s Pawtucket Tunnel Project Lila Gillespie and Grace Huson, Stantec
4:00 - 5:00 PM Networking Reception / Exhibit Area Join us for a networking event with appetizers and hosted bar. Co-Sponsored by Xylem			
5:00 PM Adjourn (sign up for TCHs at the registration desk)			

EXHIBITORS

Carlson Systems
DN Tanks
Flow Assessment Services LLC
Green Mountain Pipeline Services

Orenco Systems, Inc.
Precision Trenchless
Righter Group Inc.

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Agenda Continued – Tuesday, October 30, 2021

8:00 – 9:00 AM Registration & Continental Breakfast / Exhibit Area (Ballroom)

8:00 AM - 4:00 PM Exhibit Hall Open

Session C: Affordability Issues (Amphitheater) Moderator: Steve Perdios, Dewberry		Session D: Three Presentations on Treatment Technology and Two on Public Notifications (Ballroom) Moderator: Josh Schimmel, Springfield W&S	
9:00 AM	Using Integrated Planning to Address CSO Affordability Challenges Fred Andes, Barnes & Thornburg	9:00 AM	Charleroi, PA Satellite Treatment for CSO Control— From Concept to Reality Sarah Willett, WesTech Engineering, LLC
9:30 AM	This is Not a Drill: Financial Resiliency Lessons Learned From Surviving a Pandemic David Hyder, Stantec	9:30 AM	New Primary Bio-Filter Achieves High-Rate Treatment for Wet-Weather Inflows Jonathan Liberzon, Tomorrow Water
10:00 AM	CSO Program Update: Final Phase of the Largest Public-Works Project in Rhode Island History Melissa Carter, Stantec Kathryn Kelly, Narragansett Bay Commission	10:00 AM	Large Scale Pilot Test of Satellite CSO Technologies John Dening, Mott MacDonald

10:30 AM Break/Exhibits

11:00 AM	Affordability—A Driver for Consent Order Driven CSO Abatement for Onondaga County Zachary Monge, Jacobs	11:00 AM	MWRA’s CSO Public Notification Program David Wu, MWRA
11:30 AM	Enhance CIP Processes at Cincinnati MSD to Achieve Asset Reliability and CSO Compliance Laith Alfaqih, Stantec Ian Laseke, Metropolitan Sewer District of Greater	11:30 AM	Application of Level Meters at CSO Locations to Provide Real-time Data on System Performance Karilyn Heisen, CDM Smith Shawn Syde, City of New Bedford, MA

12:00 - 1:30 PM Lunch/Exhibits (provided) - Ballroom

Session E: Real Time System Management (Ballroom) Moderator: Erika Casarano, AECOM		—TOUR— Portsmouth, NH Wet Weather Treatment Facility Limited space Transportation not provided Meet outside the Hotel lobby at 1:30PM	
1:30 PM	Application of Real Time Decision Support Systems (RT-DSS) to Reduce CSO Volumes and Compliance Costs Richard Loeffler, Xylem		
2:00 PM	Combating Climate Change with Smart Watershed Network Management Vikto Hlas, OptiRTC, Inc.		
2:30 PM Break/Exhibits			
3:00 PM	Data analytics for wet weather solutions, a sharing experience in getting the most out of your data to achieve the best possible outcome Nicholas Anderson, Stantec		
3:30 PM	Leveraging Machine Learning for Predictive Operational Support Chris Ranck, Black & Veatch		

4:00 PM Adjourn (sign up for TCHs at the registration desk)

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